

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Tatsunori HASHIMOTO et al. )  
) Group Art Unit: Not assigned  
Serial No.: Not Yet Assigned )  
) Examiner: Not assigned  
Filed: September 24, 2003 )  
)  
For: BAND PASS FILTER )  
)

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO-1449. Copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO-1449 and indicate that they were considered by making an appropriate notation on this form.

This Information Disclosure Statement is being filed with the above-referenced application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants

reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: September 24, 2003

By: 

Richard V. Burgujian  
Reg. No. 31,744

Enclosures  
RVB/FPD/dvz

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## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	04329.3145	Serial No.	
Applicant	Tatsunori HASHIMOTO et al.		
Filing Date	September 24, 2003	Group:	Not assigned

U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Hey-Shipton, G., "Efficient Computer Design of Compact Planar Band-Pass Filters Using electrically Short Multiple Coupled Lines", IEEE MTT-S Digest, pp. 1547-1550, (1999).
	Raihn, K. et al., "Highly Selective HTS Band Pass Filter with Multiple Resonator Cross-Couplings", IEEE MTT-S Digest, pp. 661-664, (2000).
	Tsuzuki, G. et al., "Ultra Selective 22-Pole, 10-Transmission Zero Superconducting Bandpass Filter Surpasses 50 Pole Chebyshev Rejection", IEEE MTT-S CDRM, pp.1963-1966, (2002).
	Tsuzuki, G. et al., "Ultra Selective 22-Pole, 10-Transmission Zero Superconducting Bandpass Filter Surpasses 50 Pole Chebyshev Filter", IEEE Transactions on Microwave Theory and Techniques, Vol. 50, No. 12, pp. 2924-2929, December 2002.
	Hong, J. et al., "Transmission Line Filters with Advanced Filtering Characteristics", IEEE MTT-S Digest, pp. 319-322, (2000).
	Hong, J. et al., "Couplings of Microstrip Square Open-Loop Resonators for Cross-Coupled Planar Microwave Filters", IEEE Transactions on Microwave Theory and Techniques, Vol. 44, No. 12, pp. 2099-2109, December 1996.
	Hong, J. et al., "On the Development of Superconducting Microstrip Filters for Mobile Communications Applications", IEEE Transactions on Microwave Theory and Techniques, Vol. 47, No. 9, pp. 1656-1663, September 1999.
	Hong, J. et al., "On the Performance of HTS Microstrip Quasi-Elliptic Function Filters for Mobile Communications Application", IEEE Transactions on Microwave Theory and Techniques, Vol. 48, No. 7, pp. 1240-1246, July 2000.
	Tsuzuki, G. et al., "Novel Superconducting Ring Filter", IEEE MTT-S Digest, pp. 379-382.

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce